

§ 810.205 Grades and grade requirements for Two-rowed Malting barley.

Grade	Minimum limits of—			Maximum limits of—			
	Test weight per bushel (pounds)	Suitable malting types (percent)	Sound barley ¹ (percent)	Wild oats (percent)	Foreign material (percent)	Skinned and broken kernels (percent)	Thin barley (percent)
U.S. No. 1	50.0	97.0	98.0	1.0	0.5	5.0	5.0
U.S. No. 2	48.0	97.0	98.0	1.0	1.0	7.0	7.0
U.S. No. 3	48.0	95.0	96.0	2.0	2.0	10.0	10.0
U.S. No. 4	48.0	95.0	93.0	3.0	3.0	10.0	10.0

¹ Injured-by-frost kernels and injured-by-mold kernels are not considered damaged kernels or considered against sound barley.

NOTES: Malting barley shall not be infested in accordance with § 810.107(b) and shall not contain any special grades as defined in § 810.206. Two-rowed Malting barley varieties not meeting the requirements of this section shall be graded in accordance with standards established for the class Barley.

[61 FR 18492, Apr. 26, 1996]

§ 810.206 Grades and grade requirements for barley.

Grade	Minimum limits of—		Maximum Limits of—				
	Test weight per bushel (pounds)	Sound barley (percent)	Damaged kernels ¹ (percent)	Heat damaged kernels (percent)	Foreign material (percent)	Broken kernels (percent)	Thin barley (percent)
U.S. No. 1	47.0	97.0	2.0	0.2	1.0	4.0	10.0
U.S. No. 2	45.0	94.0	4.0	0.3	2.0	8.0	15.0
U.S. No. 3	43.0	90.0	6.0	0.5	3.0	12.0	25.0
U.S. No. 4	40.0	85.0	8.0	1.0	4.0	18.0	35.0
U.S. No. 5	36.0	75.0	10.0	3.0	5.0	28.0	75.0

U.S. Sample Grade:

U.S. Sample grade shall be barley that:

- Does not meet the requirements for the grades 1, 2, 3, 4, or 5; or
- Contains 8 or more stones or any number of stones which have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more *Crotalaria* seeds (*Crotalaria* spp.), 2 or more castor beans (*Ricinus communis* L.), 4 or more particles of unknown foreign substance(s) or commonly recognized harmful or toxic substance(s), 8 or more cocklebur (*Xanthium* spp.) or similar seeds singly or in combination, 10 or more rodent pellets, bird droppings, or equivalent quantity of other animal filth per 1½ to 1¼ quarts of barley; or
- Has a musty, sour, or commercially objectionable foreign odor (except smut or garlic odor); or
- Is heating or otherwise of distinctly low quality.

¹ Includes heat-damaged kernels. Injured-by-frost kernels and injured-by-mold kernels are not considered damaged kernels.

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SPECIAL GRADES AND SPECIAL GRADE
REQUIREMENTS

§ 810.207 Special grades and special grade requirements.

(a) *Blighted barley*. Barley that contains more than 4.0 percent of fungus-damaged and/or mold-damaged kernels.

(b) *Ergoty barley*. Barley that contains more than 0.10 percent ergot.

(c) *Garlicky barley*. Barley that contains three or more green garlic bulblets, or an equivalent quantity of dry or partly dry bulblets in 500 grams of barley.

(d) *Smutty barley*. Barley that has kernels covered with smut spores to give a smutty appearance in mass, or

which contains more than 0.20 percent smut balls.

[52 FR 24418, June 30, 1987, as amended at 52 FR 24441, June 30, 1987]

Subpart C—United States Standards for Canola—Terms Defined

SOURCE: 57 FR 3274, Jan. 29, 1992, unless otherwise noted.

§ 810.301 Definition of canola.

Seeds of the genus *Brassica* from which the oil shall contain less than 2 percent erucic acid in its fatty acid profile and the solid component shall contain less than 30.0 micromoles of